

Palayesh-e Hesar Mehran Co.

Bitumen PG 70-16



No	Test	Unit	Test temperature °C	Acceptable range		Test / Metod	
				Max	Min	ASTM	AASHTO
The average 7 days of pavement design (oC)				70	-16		
Bitumen before aging							
1	Rotational viscosity(RV)	Pa.s	-	3	-	D4402	T316
2	Flash point	°C	135	-	230	D92	T48
3	(Dynamic Shear Rheometer)/ DSR	KPa	70	-	1	D7175	T315
(Rolling Thin-Film Oven Test) / RTFOT							
34	Weight loss	%	163	1	-	D2872	T240
5	(Dynamic Shear Rheometer)/ DSR	KPa	70	-	2.2	D7175	T315
(Pressurized Aging Vessel) / PAV / ASTM D6521							
Aging temperature		°C	100				
6	(Dynamic Shear Rheometer)/ DSR	KPa	31	5000	-	D7175	T315
7	(Bending Beam Rheometer) /BBR /S	MPa	-6	300	-	D6648	T313
8	(Bending Beam Rheometer) /BBR /m	-	-6	-	0.3	D6648	T313



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